

# SEQUENCE LISTING

<110> Synaptic Pharmaceutical Corporation

<120> DNA Encoding SNORF36a and SNORF36b Receptors

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<150> 09/518,914

<151> 2000-03-03

<150> 09/303,593

<151> 1999-05-03

<160> 48

<170> PatentIn Ver. 2.1

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<211> 1508

<212> DNA

<213> Homo sapiens

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 Ala Pro Gly Thr Trp Ala Ala Ala Trp Val Pro Leu Pro Thr Val Asp  
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 Val Pro Asp His Ala His Tyr Thr Leu Gly Thr Val Ile Leu Leu Val  
 65 70 75 80  
 Gly Leu Thr Gly Met Leu Gly Asn Leu Thr Val Ile Tyr Thr Phe Cys  
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 Arg Ser Arg Ser Leu Arg Thr Pro Ala Asn Met Phe Ile Ile Asn Leu  
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 Ala Val Ser Asp Phe Leu Met Ser Phe Thr Gln Ala Pro Val Phe Phe  
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 Thr Ser Ser Leu Tyr Lys Gln Trp Leu Phe Gly Glu Thr Gly Cys Glu  
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 Phe Tyr Ala Phe Cys Gly Ala Leu Phe Gly Ile Ser Ser Met Ile Thr  
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 Ala Thr Phe Gly Val Ala Ser Lys Arg Arg Ala Ala Phe Val Leu Leu  
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Gly Val Trp Leu Tyr Ala Leu Ala Trp Ser Leu Pro Pro Phe Phe Gly  
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 Trp Ser Ala Tyr Val Pro Glu Gly Leu Leu Thr Ser Cys Ser Trp Asp  
 210 215 220  
 Tyr Met Ser Phe Thr Pro Ala Val Arg Ala Tyr Thr Met Leu Leu Cys  
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 Cys Phe Val Phe Phe Leu Pro Leu Leu Ile Ile Ile Tyr Cys Tyr Ile  
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 Ala Gly Tyr Ala His Val Leu Thr Pro Tyr Met Ser Ser Val Pro Ala  
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 Thr His Pro Lys Tyr Arg Val Ala Ile Ala Gln His Leu Pro Cys Leu  
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 Gly Val Leu Leu Gly Val Ser Arg Arg His Ser Arg Pro Tyr Pro Ser  
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 Ser Trp Ile Ser Ile Arg Arg Arg Gln Glu Ser Leu Gly Ser Glu Ser  
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<400> 4

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Gln	Ser	Ser	Ile	Ser	Ser	Leu	Gly	Arg	Leu	Pro	Ser	Ile	Ser	Pro	Thr	35	40	45	
Ala	Pro	Gly	Thr	Trp	Ala	Ala	Ala	Trp	Val	Pro	Leu	Pro	Thr	Val	Asp	50	55	60	
Val	Pro	Asp	His	Ala	His	Tyr	Thr	Leu	Gly	Thr	Val	Ile	Leu	Leu	Val	65	70	75	80
Gly	Leu	Thr	Gly	Met	Leu	Gly	Asn	Leu	Thr	Val	Ile	Tyr	Thr	Phe	Cys	85	90	95	
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Pro	Glu	Gly	Leu	Leu	Thr	Ser	Cys	Ser	Trp	Asp	Tyr	Met	Ser	Phe	Thr	225	230	235	240
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 Arg Ser Leu Tyr Gly Gln Gly Leu Glu Asp Leu Glu Ala Lys Ala Pro  
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<213> Rattus norvegicus

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<213> Rattus norvegicus

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<212> DNA

<213> Rattus norvegicus

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<212> PRT

<213> Rattus norvegicus

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      35              40              45

Thr Pro Gly Leu Gln Ala Ala Ala Trp Val Pro Phe Pro Thr Val Asp
      50              55              60

Val Pro Asp His Ala His Tyr Thr Leu Gly Thr Val Ile Leu Leu Val
      65              70              75              80

Gly Leu Thr Gly Met Leu Gly Asn Leu Thr Val Ile Tyr Thr Phe Cys
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Arg Asn Arg Gly Leu Arg Thr Pro Ala Asn Met Leu Ile Ile Asn Leu
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Phe Tyr Ala Phe Cys Gly Ala Val Phe Gly Ile Val Ser Met Ile Thr	145	150	155
Leu Thr Ala Ile Ala Met Asp Arg Tyr Leu Val Ile Thr Arg Pro Leu	165	170	175
Ala Thr Ile Gly Met Arg Ser Lys Arg Arg Thr Ala Leu Val Leu Leu	180	185	190
Gly Val Trp Leu Tyr Ala Leu Ala Trp Ser Leu Pro Pro Phe Phe Gly	195	200	205
Trp Ser Ala Tyr Val Pro Glu Gly Leu Leu Thr Ser Cys Ser Trp Asp	210	215	220
Tyr Val Thr Phe Thr Pro Leu Val Arg Ala Tyr Thr Met Leu Leu Phe	225	230	235
Cys Phe Val Phe Phe Leu Pro Leu Leu Ile Ile Ile Phe Cys Tyr Ile	245	250	255
Phe Ile Phe Arg Ala Ile Arg Glu Thr Gly Arg Ala Cys Glu Gly Cys	260	265	270
Gly Glu Ser Pro Leu Arg Arg Arg Gln Trp Gln Arg Leu Gln Ser Glu	275	280	285
Trp Lys Met Ala Lys Val Ala Leu Ile Val Ile Leu Leu Phe Val Leu	290	295	300
Ser Trp Ala Pro Tyr Ser Thr Val Ala Leu Val Gly Phe Ala Gly Tyr	305	310	315
Ser His Ile Leu Thr Pro Tyr Met Ser Ser Val Pro Ala Val Ile Ala	325	330	335
Lys Ala Ser Ala Ile His Asn Pro Ile Ile Tyr Ala Ile Thr His Pro	340	345	350
Lys Tyr Arg Ala Ala Ile Ala Gln His Leu Pro Cys Leu Gly Val Leu	355	360	365

Leu Gly Val Ser Gly Gln Arg Ser His Pro Ser Leu Ser Tyr Arg Ser  
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Thr His Arg Ser Thr Leu Ser Ser Gln Ser Ser Asp Leu Ser Trp Ile  
 385 390 395 400

Ser Gly Gln Lys Arg Gln Glu Ser Leu Gly Ser Glu Ser Glu Val Gly  
 405 410 415

Trp Thr Asp Thr Glu Thr Thr Ala Ala Trp Gly Ala Ala Gln Gln Ala  
 420 425 430

Ser Gly Gln Ser Phe Cys Ser His Asp Leu Glu Asp Gly Glu Val Lys  
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24